



VHS Technology Students at Stadium Construction Site

Students in Mr. Gary Gray's *Civil Engineering and Architecture* class were given an on site lesson of steel framing by Mr. Bill Foster, steel erection sub-contractor for Larson-Danielson Construction and Engineering Inc. The students were instructed on the delivery, sizing, erection and fastening techniques used to build the new football stadium at Valparaiso High School. Mr. Foster, of Stevens Ironworks also described the procedures used to locate the hot-dipped galvanized steel members from the designer's drawings and how some fabrication takes place on the site. Safety and crane operations were also topics of instruction. The students have been following the procedures while studying steel structures in this **Project Lead the Way**, Pre-Engineering class at VHS. The students are presently designing a Nature Center structure for the high school science department, which could be built in the schools on site nature preserve area. Their structure is being designed with structural steel framing methods and will be presented to school administrators for future consideration.